

In re Patent Application of:  
**DE SANTIS ET AL.**  
Serial No. 10/728,372  
Filing Date: **DECEMBER 4, 2003**

---

**REMARKS**

Applicants would like to thank the Examiner for the thorough examination of the present application. Applicants would also like to thank the Examiner for the courtesies extended during the telephone conference on September 23, 2004.

As a result of the telephone conference, the Examiner replaced the Office Action mailed September 14, 2004 with the present Office Action. The present Office Action now considers Claims 7-27 in the Preliminary Amendment initially filed with the patent application. The Office Action mailed September 14, 2004 only considered original Claims 1-6, which were cancelled and replaced with Claims 7-27.

In the Official Action, the Examiner objected to FIGS. 3A and 3B as not being readable. Please reference the formal drawings filed on January 12, 2004, a copy of which is enclosed for the Examiner's convenience. The text in FIGS. 3A and 3B is considerably larger so that it is more easily readable.

The Examiner also objected to the drawings for not disclosing: 1) a plurality of output terminals **Saout0**, **Saout1** and **Saout2** of the sensing circuit as recited in Claims 20 and 27; and 2) a plurality of reference current generators **Irif1**, **Irif2** and **Irif3** forming a plurality of branches connected to a plurality of inputs **Xrif1**, **Xrif2** and **Xrif3** of the comparator as recited in Claims 20 and 27. FIG. 4 illustrates these features of the claimed invention.

The Examiner rejected Claims 7-27 based upon 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement. The Applicants respectfully submit

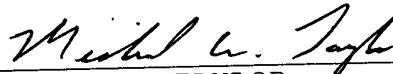
In re Patent Application of:  
**DE SANTIS ET AL.**  
Serial No. 10/728,372  
Filing Date: **DECEMBER 4, 2003**

---

that in view of the remarks provided herein with respect to the drawing objections, and in view of the written description on page 4, paragraph 16 through page 8, paragraph 33 of the specification, the specification is enabling.

In view of the remarks provided herein, it is submitted that all the claims are patentable. Accordingly, a Notice of Allowance is requested in due course. Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,

  
MICHAEL W. TAYLOR  
Reg. No. 43,182  
Allen, Dyer, Doppelt, Milbrath  
& Gilchrist, P.A.  
255 S. Orange Avenue, Suite 1401  
Post Office Box 3791  
Orlando, Florida 32802  
407-841-2330

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, on this 28<sup>th</sup> day of December, 2004.

